

Release notes for ENDF/B Development n-066\_Dy\_154  
evaluation



April 26, 2017

- psyche Warnings:

1. Non-threshold reaction with Q value differing from PSYCHE's expectations  
*FILE 3 / SECTION 103 / THE CALCULATED Q 9.43129E+05 DISSAGREES WITH THE GIVEN Q 5.46156E+05 (0): Iffy Q*

```
FILE 3
SECTION 103
      THE CALCULATED Q  9.43129E+05 DISSAGREES WITH THE GIVEN Q  5.46156E+05
```

2. Non-threshold reaction with Q value differing from PSYCHE's expectations  
*FILE 3 / SECTION 112 / THE CALCULATED Q 3.01525E+06 DISSAGREES WITH THE GIVEN Q 2.75654E+06 (0): Iffy Q*

```
FILE 3
SECTION 112
      THE CALCULATED Q  3.01525E+06 DISSAGREES WITH THE GIVEN Q  2.75654E+06
```

- psyche Errors:

1. A probability distribution is negative. This is bad.  
*FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 132 (0): Neg. prob.*

```
FILE 6
SECTION 16
      DISTRIBUTION IS NEGATIVE          SEQUENCE NUMBER    132
      ENERGY BALANCE SUMMARY: Q =   5.75388E+06      ENERGY BALANCE SUMMARY: Q =   5.75388E+06
      ENERGY BALANCE SUMMARY: Q = -1.28097E+07      ENERGY BALANCE SUMMARY: Q = -1.28097E+07
... [2 more lines]
```

2. A probability distribution is negative. This is bad.  
*FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 132 / ENERGY BALANCE SUMMARY: Q = -3.66549E+06 (0): Neg. prob.*

```
FILE 6
SECTION 16
      DISTRIBUTION IS NEGATIVE          SEQUENCE NUMBER    132
      ENERGY BALANCE SUMMARY: Q = -3.66549E+06
```

- fudge-4.0 Warnings:

1. The URR for this spin group needs higher energy resolution for correct representation of the average cross section  
*resonances / unresolved (Error # 0): URRinsufficientEnergyGrid*

```
WARNING: More points needed in L=0 J=0.5 unresolved widths between 10. eV and 40. eV
WARNING: More points needed in L=1 J=0.5 unresolved widths between 10. eV and 40. eV
WARNING: More points needed in L=1 J=1.5 unresolved widths between 10. eV and 40. eV
WARNING: More points needed in L=2 J=1.5 unresolved widths between 10. eV and 40. eV
... plus 1 more instances of this message
```

2. Cross section does not match sum of linked reaction cross sections  
*crossSectionSum label 0: total (Error # 0): CS Sum.*

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.28%

- fudge-4.0 Errors:

1. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

2. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

... plus 34 more instances of this message

3. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

4. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

5. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

6. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

7. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

8. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c ->Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

9. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

10. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

11. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1556130.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

12. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1452120.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

13. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

14. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

15. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

16. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

17. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*

**WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)**

18. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1556130.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

19. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

20. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1452120.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

21. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

22. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

23. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

24. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1556130.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

25. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

26. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

27. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

28. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

29. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

30. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

31. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1452120.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

32. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

33. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

34. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1556130.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

35. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (1556130.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

36. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
37. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
38. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1556130.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
39. Energy range of data set does not match cross section range  
*reaction label 16: n + (Dy154\_c -> Dy154 + gamma) / Product: Dy154\_c / Decay product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1800000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
40. Calculated and tabulated Q values disagree.  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -9451044.776611328 eV vs -9319720. eV!
41. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)
42. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)
43. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)
44. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

45. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

46. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

47. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

48. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

49. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

50. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

51. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

52. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

53. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

54. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

55. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

56. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

57. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

58. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

59. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

60. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

61. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

62. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

63. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

64. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

65. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

66. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

67. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

68. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

69. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

70. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

71. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

72. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

73. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

74. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

75. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

76. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

77. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

78. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

79. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

80. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

81. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

82. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

83. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

84. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

85. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

86. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

87. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

88. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

89. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)

90. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)
91. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)
92. Energy range of data set does not match cross section range  
*reaction label 17: n[multiplicity:'2'] + Dy153 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9380790.0 -> 20000000.0)
93. Calculated and tabulated Q values disagree.  
*reaction label 18: n[multiplicity:'3'] + Dy152 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -16547674.78012085 eV vs -1.64164e7 eV!
94. Energy range of data set does not match cross section range  
*reaction label 18: n[multiplicity:'3'] + Dy152 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16523900.0 -> 20000000.0)
95. Energy range of data set does not match cross section range  
*reaction label 18: n[multiplicity:'3'] + Dy152 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16523900.0 -> 20000000.0)
96. Calculated and tabulated Q values disagree.  
*reaction label 19: n + H1 + Tb153 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -7008914.524932861 eV vs -6366910. eV!
97. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
98. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
99. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
100. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
101. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
102. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
103. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
104. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
105. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
106. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
107. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
108. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

109. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
110. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
111. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
112. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
113. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
114. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
115. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
116. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
117. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

118. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
119. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
120. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
121. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
122. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
123. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
124. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
125. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
126. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

127. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
128. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
129. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
130. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
131. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
132. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
133. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
134. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
135. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

136. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
137. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
138. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
139. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
140. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
141. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
142. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
143. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
144. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

145. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
146. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
147. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
148. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
149. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
150. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
151. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
152. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
153. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

154. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
155. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
156. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
157. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
158. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
159. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
160. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
161. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
162. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

163. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
164. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
165. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
166. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
167. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
168. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
169. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
170. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
171. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

172. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
173. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
174. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
175. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
176. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
177. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
178. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
179. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
180. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

181. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
182. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
183. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
184. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
185. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
186. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
187. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
188. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
189. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

190. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
191. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
192. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
193. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
194. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
195. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
196. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
197. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
198. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

199. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
200. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
201. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
202. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
203. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
204. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
205. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
206. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
207. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

208. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
209. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
210. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
211. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
212. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
213. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
214. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
215. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
216. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)

217. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bi / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
218. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
219. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
220. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
221. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bk / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
222. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
223. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bl / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
224. Energy range of data set does not match cross section range  
*reaction label 19: n + H1 + Tb153 + gamma / Product: gamma.bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (6408640.0 -> 20000000.0)
225. Calculated and tabulated Q values disagree.  
*reaction label 20: n + H2 + Tb152 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -13452297.15618896 eV vs -1.28097e7 eV!

226. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
227. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
228. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
229. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
230. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
231. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
232. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
233. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
234. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)

235. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
236. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
237. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
238. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
239. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
240. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
241. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
242. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)
243. Energy range of data set does not match cross section range  
*reaction label 20: n + H2 + Tb152 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (16000000.0 -> 20000000.0) vs (12893600.0 -> 20000000.0)

244. Calculated and tabulated Q values disagree.  
*reaction label 21: Dy155 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 6701738.709960938 eV vs 6833070. eV!
245. Calculated and tabulated Q values disagree.  
*reaction label 22: n + He4 + Gd150 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 1791472.049560547 eV vs 2945690. eV!
246. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 22: n + He4 + Gd150 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 4.e6 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV  
 ... plus 5 more instances of this message
247. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
248. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
249. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
250. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
251. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
252. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
253. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
254. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
255. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
256. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
257. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
258. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
259. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
260. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
261. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

262. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
263. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
264. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
265. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
266. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
267. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
268. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
269. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
270. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

271. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
272. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
273. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
274. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
275. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
276. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
277. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
278. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
279. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

280. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
281. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
282. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
283. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
284. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
285. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (190000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
286. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (190000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
287. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
288. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

289. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
290. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
291. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
292. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
293. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
294. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
295. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
296. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
297. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

298. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
299. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
300. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
301. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
302. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
303. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (275000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
304. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (275000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
305. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
306. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

307. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
308. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
309. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
310. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
311. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
312. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
313. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
314. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
315. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

316. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
317. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
318. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
319. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
320. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
321. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
322. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
323. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
324. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

325. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
326. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
327. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
328. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
329. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
330. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
331. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
332. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
333. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

334. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
335. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
336. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
337. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
338. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
339. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
340. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
341. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
342. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

343. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
344. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
345. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
346. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
347. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
348. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
349. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
350. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
351. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

352. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
353. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
354. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
355. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
356. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
357. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
358. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
359. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
360. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

361. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
362. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
363. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
364. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
365. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
366. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
367. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
368. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
369. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

370. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
371. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bk / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
372. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
373. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bl / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
374. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
375. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bm / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
376. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bm / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
377. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bn / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1232100.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
378. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bn / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1232100.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

379. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bo / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
380. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bo / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
381. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bp / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
382. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bp / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
383. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
384. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
385. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_br / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
386. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_br / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
387. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bs / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

388. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bs / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
389. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bt / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
390. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bt / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
391. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bu / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
392. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bu / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
393. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bv / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
394. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bv / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
395. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
396. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

397. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bx / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
398. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bx / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
399. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_by / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
400. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_by / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
401. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bz / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
402. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_bz / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
403. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ca / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
404. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ca / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
405. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

406. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
407. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
408. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
409. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
410. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
411. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ce / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
412. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ce / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
413. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
414. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

415. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1232100.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
416. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1232100.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
417. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ch / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
418. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ch / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
419. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ci / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
420. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ci / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
421. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
422. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
423. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ck / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

424. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ck / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1343050.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
425. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cl / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
426. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1399410.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
427. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cm / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
428. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cm / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
429. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cn / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
430. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cn / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
431. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_co / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
432. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_co / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

433. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cp / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
434. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cp / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
435. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
436. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1033840.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
437. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cr / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
438. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cr / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
439. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cs / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
440. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cs / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1260060.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
441. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ct / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

442. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_ct / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1429700.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
443. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cu / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
444. Energy range of data set does not match cross section range  
*reaction label 22: n + He4 + Gd150 + gamma / Product: gamma\_cu / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1517530.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
445. Calculated and tabulated Q values disagree.  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -6915160.648193359 eV vs -5760940. eV!
446. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
447. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
448. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
449. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
450. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
451. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
452. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
453. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
454. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
455. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
456. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
457. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
458. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
459. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)

460. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
461. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
462. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
463. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
464. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
465. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
466. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
467. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
468. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)

469. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
470. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
471. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
472. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
473. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
474. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
475. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
476. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
477. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)

478. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
479. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
480. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
481. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
482. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
483. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
484. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
485. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
486. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)

487. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
488. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
489. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
490. Energy range of data set does not match cross section range  
*reaction label 23: n[multiplicity:'2'] + He4 + Gd149 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (5798700.0 -> 20000000.0)
491. Calculated and tabulated Q values disagree.  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 3576777.836273193 eV vs 5753880. eV!
492. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.e6 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1033840. eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1065010. eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e6 eV  
 ... plus 22 more instances of this message
493. Found a negative probability  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: n / Distribution: (Error # 1): Negative prob.*
- WARNING: Negative probabilities encountered. Incident energy: 1.8e7 eV, worst case: -7.663e-40
494. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: He4 / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV

495. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
496. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
497. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
498. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
499. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
500. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
501. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
502. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
503. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (911122.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

504. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (911122.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
505. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
506. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
507. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (336772.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
508. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (336772.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
509. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
510. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
511. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
512. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

513. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
514. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
515. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
516. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
517. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
518. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
519. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (60000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
520. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (60000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
521. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

522. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
523. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
524. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
525. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
526. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
527. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
528. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
529. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
530. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

531. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
532. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
533. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
534. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
535. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
536. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
537. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
538. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
539. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)

540. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
541. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
542. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
543. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (300000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
544. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (300000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
545. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (300000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
546. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (300000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
547. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (336772.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
548. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (336772.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

549. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (336772.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
550. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (336772.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
551. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
552. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
553. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
554. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
555. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
556. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
557. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

558. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
559. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
560. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
561. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
562. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
563. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
564. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
565. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
566. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

567. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
568. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
569. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
570. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
571. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
572. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
573. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
574. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
575. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

576. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
577. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
578. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
579. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
580. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
581. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
582. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
583. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
584. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

585. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
586. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
587. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
588. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
589. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
590. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
591. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
592. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
593. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

594. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
595. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
596. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
597. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
598. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
599. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
600. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
601. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
602. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

603. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
604. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
605. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
606. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
607. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
608. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
609. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
610. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
611. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

612. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
613. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
614. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
615. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
616. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
617. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
618. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
619. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bk / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
620. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

621. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bl / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
622. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (0.1 -> 20000000.0) vs (1e-05 -> 20000000.0)
623. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bm / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
624. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bm / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
625. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bn / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
626. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bn / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (700000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
627. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bo / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
628. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bo / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
629. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_\_bp / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

630. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bp / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
631. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
632. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
633. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_br / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
634. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_br / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
635. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bs / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
636. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bs / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
637. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bt / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (911122.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
638. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bt / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (911122.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

639. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bu / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
640. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bu / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
641. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bv / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
642. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bv / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
643. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
644. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
645. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bx / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
646. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bx / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1065010.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
647. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_by / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

648. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_by / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
649. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bz / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
650. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_bz / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
651. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ca / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
652. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ca / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
653. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
654. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
655. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
656. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

657. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
658. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (600000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
659. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ce / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
660. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ce / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
661. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
662. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (665150.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
663. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
664. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
665. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ch / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

666. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ch / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (800000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
667. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ci / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
668. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ci / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (900000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
669. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (911122.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
670. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_cj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (911122.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
671. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ck / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
672. Energy range of data set does not match cross section range  
*reaction label 24: n + He4[multiplicity:'2'] + Sm146 + gamma / Product: gamma\_ck / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
673. Calculated and tabulated Q values disagree.  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -15676248.42034912 eV vs -1.50342e7 eV!
674. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)

675. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
676. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
677. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
678. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
679. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
680. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
681. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
682. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
683. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)

684. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
685. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
686. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
687. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
688. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
689. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
690. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
691. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + H1 + Tb152 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15132800.0 -> 20000000.0)
692. Calculated and tabulated Q values disagree.  
*reaction label 26: n + H1 + He4 + Eu149 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -5330382.174835205 eV vs -3665490. eV!

693. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV  
 ... plus 2 more instances of this message
694. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
695. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
696. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
697. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
698. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
699. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
700. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

701. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
702. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
703. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
704. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
705. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
706. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
707. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
708. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
709. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

710. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
711. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
712. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
713. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
714. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
715. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
716. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
717. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
718. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

719. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
720. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
721. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
722. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
723. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
724. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
725. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
726. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
727. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

728. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
729. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
730. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
731. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
732. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
733. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
734. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
735. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
736. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

737. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
738. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
739. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
740. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
741. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
742. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
743. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
744. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
745. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

746. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
747. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
748. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
749. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
750. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
751. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
752. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
753. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
754. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

755. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
756. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
757. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
758. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
759. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
760. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
761. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
762. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
763. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

764. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
765. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
766. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
767. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
768. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
769. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
770. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
771. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
772. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

773. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
774. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
775. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
776. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
777. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
778. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
779. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
780. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
781. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

782. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
783. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
784. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
785. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
786. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
787. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
788. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
789. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
790. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

791. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
792. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
793. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
794. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
795. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
796. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
797. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
798. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
799. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

800. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
801. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
802. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
803. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
804. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
805. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
806. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
807. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
808. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

809. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
810. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
811. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
812. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
813. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
814. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
815. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
816. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
817. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

818. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bk / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
819. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
820. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bl / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
821. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
822. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bm / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
823. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bm / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
824. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bn / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
825. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bn / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
826. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bo / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

827. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bo / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
828. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bp / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
829. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bp / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
830. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
831. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
832. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_br / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
833. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_br / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
834. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bs / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
835. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bs / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)

836. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bt / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
837. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bt / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
838. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bu / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
839. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bu / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
840. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bv / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
841. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bv / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
842. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
843. Energy range of data set does not match cross section range  
*reaction label 26: n + H1 + He4 + Eu149 + gamma / Product: gamma\_bw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (3689510.0 -> 20000000.0)
844. Calculated and tabulated Q values disagree.  
*reaction label 27: He4[multiplicity:'2'] + Sm147 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 9918289.396102905 eV vs 1.20954e7 eV!
845. Calculated and tabulated Q values disagree.  
*reaction label 28: H1[multiplicity:'2'] + Gd153 (Error # 0): Q mismatch*

- WARNING: Calculated and tabulated Q-values disagree: -5167632.398834229 eV vs -4014960. eV!
846. Calculated and tabulated Q values disagree.  
*reaction label 29: H1 + He4 + Eu150 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 1091649.593383789 eV vs 2756540. eV!
847. Calculated and tabulated Q values disagree.  
*reaction label 30: H2 + He4 + Eu149 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -3106430.910675049 eV vs -1440920. eV!
848. Calculated and tabulated Q values disagree.  
*reaction label 31: H1 + Tb154\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -95845.66979980469 eV vs 546156. eV!
849. Calculated and tabulated Q values disagree.  
*reaction label 32: H2 + Tb153\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -4784963.260772705 eV vs -4142350. eV!
850. Calculated and tabulated Q values disagree.  
*reaction label 33: H3 + Tb152\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -6683775.479705811 eV vs -6552450. eV!
851. Calculated and tabulated Q values disagree.  
*reaction label 34: He3 + Gd152\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -2675183.504211426 eV vs -2543860. eV!
852. Calculated and tabulated Q values disagree.  
*reaction label 35: He4 + Gd151\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 8288931.548248291 eV vs 9443150. eV!
853. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 18: n + (Dy154\_c -> Dy154 + gamma) total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 1.41%
854. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 19: n[multiplicity:'2'] + Dy153 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 99.81%
855. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 20: n[multiplicity:'3'] + Dy152 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 98.68%

856. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 21: n + H1 + Tb153 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 99.98%
857. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 22: n + H2 + Tb152 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 97.97%
858. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 24: n + He4 + Gd150 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 0.12%
859. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 25: n[multiplicity:'2'] + He4 + Gd149 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 99.65%
860. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 27: n[multiplicity:'2'] + H1 + Tb152 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 96.24%
861. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 28: n + H1 + He4 + Eu149 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 99.90%

- **njoy2012** Warnings:

1. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (0): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 16 does not give recoil za= 66153
one-particle recoil approx. used.
```

2. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (1): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 17 does not give recoil za= 66152
one-particle recoil approx. used.
```

3. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (2): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 22 does not give recoil za= 64150
one-particle recoil approx. used.
```

4. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (3): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 24 does not give recoil za= 64149
one-particle recoil approx. used.
```

5. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (4): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 28 does not give recoil za= 65153
one-particle recoil approx. used.
```

6. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (5): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 29 does not give recoil za= 62146
one-particle recoil approx. used.
```

7. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (6): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 32 does not give recoil za= 65152
one-particle recoil approx. used.
```

8. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (7): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 41 does not give recoil za= 65152
one-particle recoil approx. used.
```

9. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (8): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 45 does not give recoil za= 63149
one-particle recoil approx. used.
```

10. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (9): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 51 does not give recoil za= 66154
one-particle recoil approx. used.
```

11. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (10): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 52 does not give recoil za= 66154
one-particle recoil approx. used.
```

12. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (11): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 53 does not give recoil za= 66154
one-particle recoil approx. used.
```

13. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (12): HEATR/hinit (4)*

---message from hinit---mf6, mt 54 does not give recoil za= 66154  
one-particle recoil approx. used.

14. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (13): HEATR/hinit (4)*

---message from hinit---mf6, mt 55 does not give recoil za= 66154  
one-particle recoil approx. used.

15. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (14): HEATR/hinit (4)*

---message from hinit---mf6, mt 56 does not give recoil za= 66154  
one-particle recoil approx. used.

16. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (15): HEATR/hinit (4)*

---message from hinit---mf6, mt 57 does not give recoil za= 66154  
one-particle recoil approx. used.

17. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (16): HEATR/hinit (4)*

---message from hinit---mf6, mt 58 does not give recoil za= 66154  
one-particle recoil approx. used.

18. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (17): HEATR/hinit (4)*

---message from hinit---mf6, mt 59 does not give recoil za= 66154  
one-particle recoil approx. used.

19. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (18): HEATR/hinit (4)*

---message from hinit---mf6, mt 60 does not give recoil za= 66154  
one-particle recoil approx. used.

20. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (19): HEATR/hinit (4)*

---message from hinit---mf6, mt 61 does not give recoil za= 66154  
one-particle recoil approx. used.

21. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (20): HEATR/hinit (4)*

---message from hinit---mf6, mt 62 does not give recoil za= 66154  
one-particle recoil approx. used.

22. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (21): HEATR/hinit (4)*

---message from hinit---mf6, mt 63 does not give recoil za= 66154  
one-particle recoil approx. used.

23. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (22): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 64 does not give recoil za= 66154
one-particle recoil approx. used.
```

24. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (23): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 65 does not give recoil za= 66154
one-particle recoil approx. used.
```

25. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (24): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 91 does not give recoil za= 66154
one-particle recoil approx. used.
```

26. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (25): HEATR/hinit (4)*

```
---message from hinit---mf6, mt102 does not give recoil za= 66155
photon momentum recoil used.
```

27. The evaluation was missing a file 12. This may be OK. Or not.  
*acer...monte carlo neutron and photon data (0): No MF12*

```
message from gamsum---file 12 not found.
```

- **njoy2012 Errors:**

1. An angular distribution is negative  
*acer...monte carlo neutron and photon data (1): Neg. P(Ejμ) (b)*

```
---message from ptleg2---negative probs found
1 for mt= 29 e= 1.572E+01
```

- **xsectplotter Warnings:**

1. Encountered runtime warning in xsectplotter or Fudge or matplotlib  
*(Error # 2): RuntimeWarning*

```
/usr/local/lib/python2.7/site-packages/matplotlib-1.5.3-py2.7-linux-x86_64.egg/matplotlib/font_manager.py:273: U
/usr/local/lib/python2.7/site-packages/matplotlib-1.5.3-py2.7-linux-x86_64.egg/matplotlib/pyplot.py:524: Runtime
```

2. Encountered runtime warning in xsectplotter or Fudge or matplotlib  
*/usr/local/lib/python2.7/site-packages/matplotlib-1.5.3-py2.7-linux-x86\_64.egg/matplotlib/pyplot.py:524:
RuntimeWarning: More than 20 figures have been opened. Figures created through the
pyplot interface ('matplotlib.pyplot.figure') are retained until explicitly closed and may
consume too much memory. (To control this warning, see the rcParam 'figure.max\_open\_warning').*  
*(Error # 0): RuntimeWarning*

```
max_open_warning, RuntimeWarning)
```